

April 2, 1990
R-6570-JER-2791

Washington State Department of Ecology
Northwest Regional Office
4350 - 150th Avenue Northeast
Redmond, Washington 98052

BOEING

Attention: Pam Elardo
Water Quality/Chemical Engineer

Subject: Boeing Renton NPDES Permit WA-000299-2
Spill Report

Reference: Telecon - J. Ramos, Boeing to P. Elardo,
WDOE, March 27, 1990, 9:25 a.m.

Dear Ms. Elardo:

As reported in the referenced telecon, an incident occurred at the Boeing Renton site on March 26, 1990 at approximately 2:00 p.m. A leaking coil in a cooling water system was found at the 4-03 building discharging to a stormwater catch basin. The water contained a biocide product used for corrosion and scale inhibition in closed cooling systems. Please see the attached material safety data sheet (MSDS) for Dearborn 547. The primary components of Dearborn 547 includes sodium nitrate (<10%), sodium nitrite (<15%), and sodium hydroxide (<12%).


Due to the unusual purple tint of the water, early detection of the leak was possible. All of the liquid in the catch basin was pumped out and disposed of appropriately. The catch basin was also covered with plastic to prevent additional water from entering. Samples were taken from the catch basin and the downstream outfall at Lake Washington. The following are the results of the analyses:

	pH	Cd	Cr	Cu	Ni	Pb	Zn
Catch Basin	10.1	.04	.01	.03	.09	.19	.20
Outfall 004	6.8	.01	<.01	.01	<.01	.04	.16

It is estimated that 5 - 10 gallons of the water was pumped from the catch basin and a total of 50 - 100 gallons from the leaking pipe while repairs were being made.

The City of Renton Fire Department was also present during the incident. Should you have further questions, please call Jenette Ramos at 237-9228.

Sincerely,



L.M. Babich III
Manager, Environmental Engineering

Enclosure

cc: Gary Gordon, City of Renton Fire Department

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